



2011 JUN -2 AM 9:27

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

East Pontotoc Water Assn.

Public Water Supply Name

580002

List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

- ☐ Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)



Advertisement in local paper



On water bills



Other _____

Date customers were informed: ____ / ____ / ____

- ☐ CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: ____ / ____ / ____

- ☐ CCR was published in local newspaper. (*Attach copy of published CCR or proof of publication*)

Name of Newspaper: The Pontotoc Progress

Date Published: 5/25/11

- ☐ CCR was posted in public places. (*Attach list of locations*)

Date Posted: ____ / ____ / ____

- ☐ CCR was posted on a publicly accessible internet site at the address: www. _____

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Lebedee Prude
Name/Title (President, Mayor, Owner, etc.)

5-26-11
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
Phone: 601-576-7518

2010 Annual Drinking Water Quality Report
East Pontotoc Water Association
PWS#: 0580001
May 2011

ALLIANCE WATER SUPPLY

2011 JUN -2 AM 9:28

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Eutaw Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the East Pontotoc Water Association have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Zebedee Prude at 662.213.2491. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Monday of each month at 7:00 PM at the East Pontotoc Water Office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Microbiological Contaminants								
✓ 1. Total Coliform Bacteria	Y	August	Monitoring		NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment

Inorganic Contaminants

8. Arsenic	N	2010	1.7	1.1 – 1.7	Ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2010	.135	.128 - .135	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2010	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2010	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2010	.3	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2010	8	6.1 - 8	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
22. Thallium	N	2010	2	.7 - 2	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories

Disinfection By-Products

Chlorine	N	2010	.5	No Range	ppm	0	MDRL = 4	Water additive used to control microbes
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* Most recent sample. No sample required for 2010.

Microbiological Contaminants:

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

Monitoring and Reporting of Compliance Data Violation

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During August 2010, we cannot be sure of the quality of your water because we did not monitor or test for bacteriological contaminants properly. We were required to take 4 samples, but only took/received credit for 3 samples due to clerical error.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The East Pontotoc Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Please note: This report will not be mailed out to customers individually, however a copy may be requested from our office.

PROOF OF PUBLICATION

STATE OF MISSISSIPPI
PONTOTOC COUNTY

2011 JUN -2 AM 9:28

Personally appeared before me, the undersigned Notary Public in and for the State and County aforesaid, Michelle Williams who being duly sworn, states on oath that he was publisher of THE PONTOTOC PROGRESS, published at Pontotoc, Pontotoc County, Mississippi, at the time the attached:

"Water Quality Report"

was published and that said notice was published in said paper 1 consecutive times, as follows:

Volume 83, Number 21, on the 25th day of May, 2011

Volume _____, Number _____, on the _____ day of _____, 2011

Volume _____, Number _____, on the _____ day of _____, 2011

Volume _____, Number _____, on the _____ day of _____, 2011

Volume _____, Number _____, on the _____ day of _____, 2011

Volume _____, Number _____, on the _____ day of _____, 2011

Affiant further deposed and said that said newspaper, THE PONTOTOC PROGRESS, has been established for at least twelve months in Pontotoc County, State of Mississippi, next prior to the date of the first publication on the foregoing notice hereto attached, as required of newspapers publishing legal notices by Chapter 313 of the Acts of the Legislature at the State of Mississippi, enacted in regular session in the year 1935.

Michelle Williams, Publisher

Sworn to and subscribed before me, this 25th day of May, 2011

Joyce Ann Brock Jolly
Notary Public

Printers fee \$ _____



LOCAL & COMMUNITY NEWS

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2010 Annual Drinking Water Quality Report East Pontotoc Water Association PWSS: 0580001 May 2011

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TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detect or # of Samples Exceeded MCL/MCLG	Unit Measure	MCL	MCLG	Likely Source of Contamination
Microbiological Contaminants								
1. Total Coliform Bacteria	Y	August	Monitoring	NA	0	0	0	presence of coliform bacteria in 0% of 30 samples; naturally present in the environment
Inorganic Contaminants								
4. Arsenic	N	2010	1.7	1.1-1.7	Ppb	10	10	Discharge of natural deposits; runoff from agricultural land; from glass and electronics production wastes
10. Barium	N	2010	125	125-125	Ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
13. Chloramine	N	2010	0	No Range	Ppb	100	100	Disinfection by-product and by-product of natural deposits
14. Copper	N	2010	3	0	Ppm	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2010	3	0	Ppb	0	0	Corrosion of household plumbing systems; erosion of natural deposits
21. Selenium	N	2010	8	6.1-8	Ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
22. Thallium	N	2010	2	1-2	Ppb	0.5	0.5	Leaching from ore-processing waste; discharge from electronics, steel, and glass facilities
Disinfection By-Products								
Chlorine	N	2010	0	No Range	Ppm	0	0	MCL = 4; Water was properly used to control microbial

After recent sample, no sample required for 2010.

Microbiological Contaminants:
Total Coliform Bacteria are bacteria that are naturally present in the environment and are used as an indicator of other, possibly harmful, bacteria that may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

Monitoring and Reporting of Compliance Data Violation
We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During August 2010, we cannot be sure of the quality of your water because we did not monitor or test for bacteriological contaminants properly. We were required to take a sample of the quality of your water for 3 samples due to clinical error.

Great, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is unable to provide high quality drinking water, but cannot control the variety of materials used in plumbing components. When water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. For more information on lead in drinking water, testing methods, and steps you can take to minimize exposure, visit the U.S. Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4789.

Drinking water is susceptible to potential contamination by substances that are naturally occurring or man-made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water-producing bottled water, tap water, and bottled water are required to contain at least small amounts of some contaminants. This report of contaminants does not indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4789.

People who are more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people who are pregnant, nursing women, infants, and children are particularly at risk from infections. These people should consult their health care providers about drinking water and whether they should take special precautions. EPA's Safe Drinking Water Act requires public water systems to take steps to protect the health of vulnerable populations and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4789.

The Pontotoc Water Association works around the clock to provide top quality water to every tap. We ask that all our customers protect our water sources, which are the heart of our community, our way of life and our children's future.

Note: This report will not be mailed out to customers individually, however a copy may be requested.